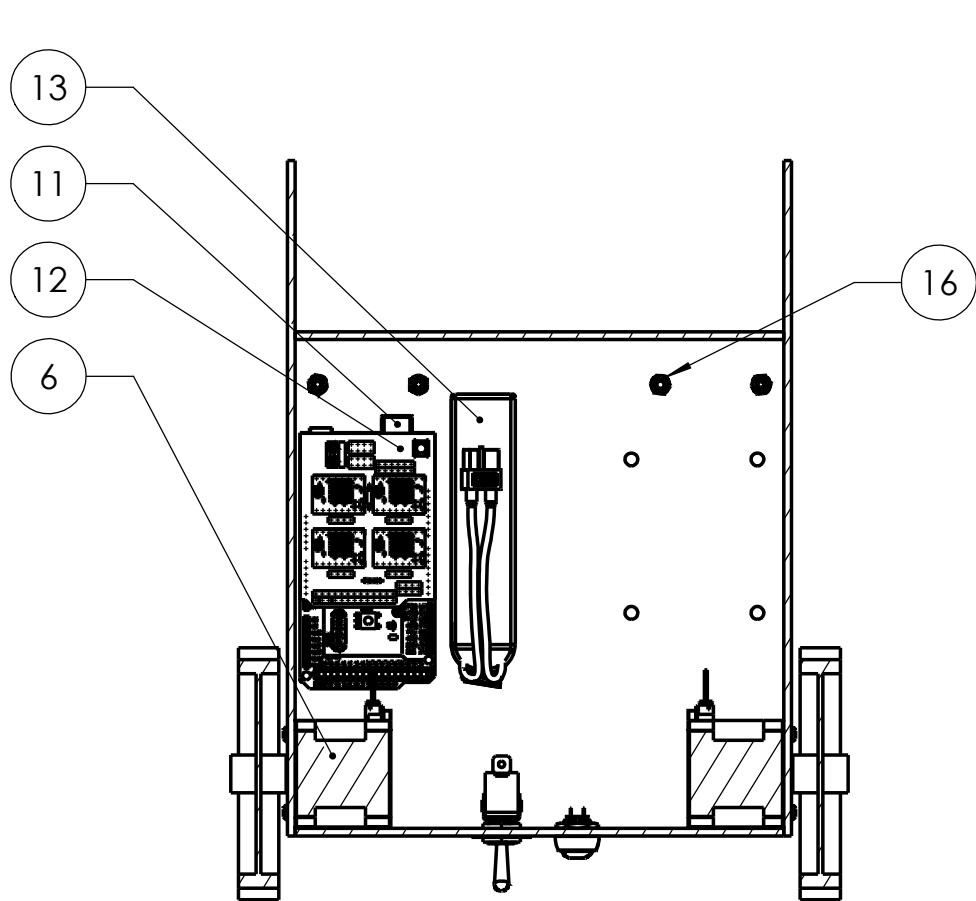
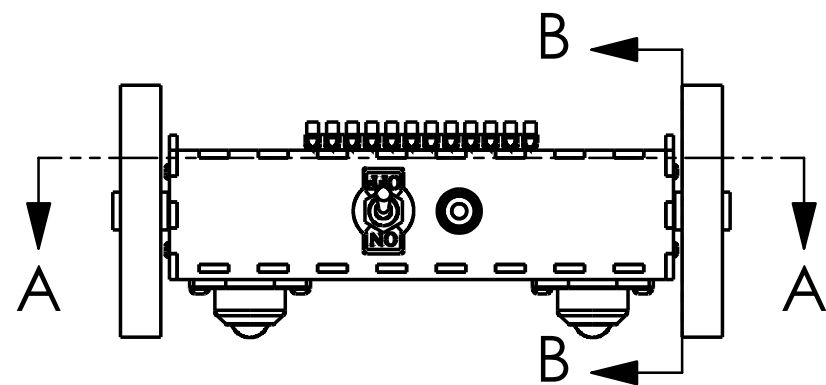
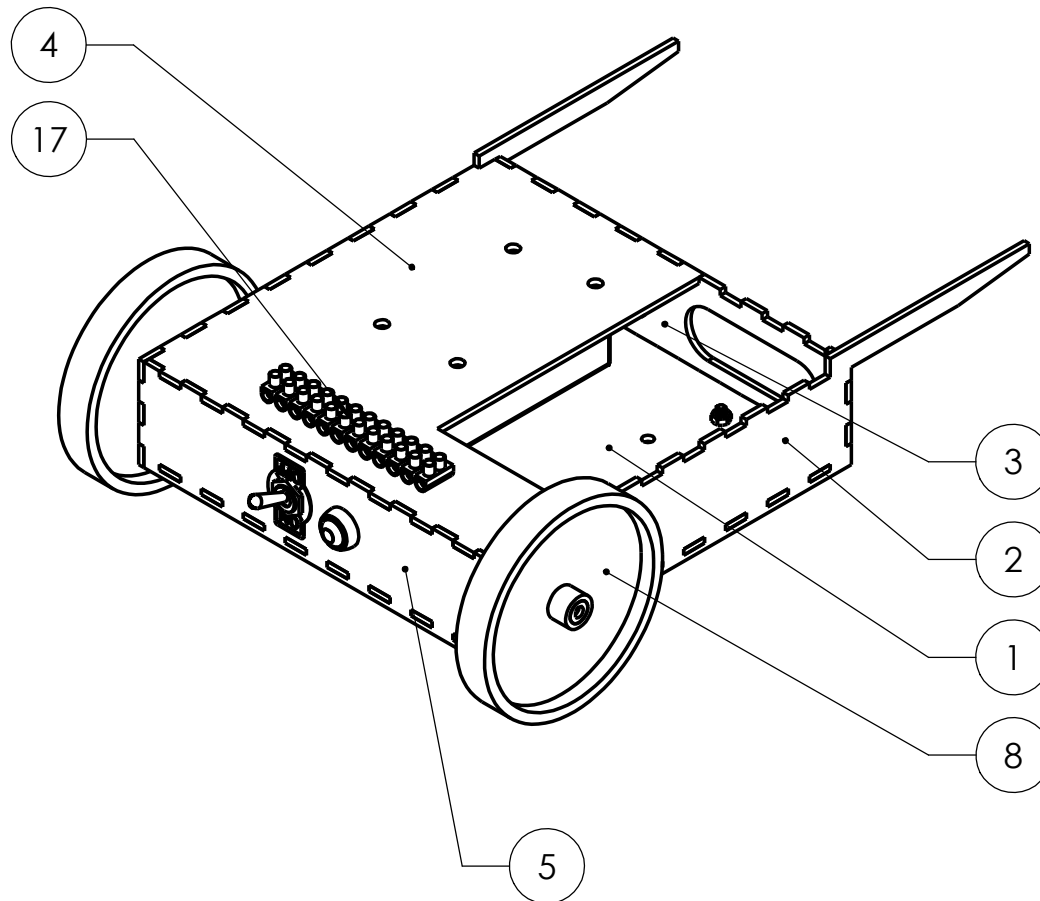




SECTION A-A

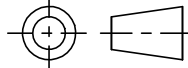


SECTION B-B

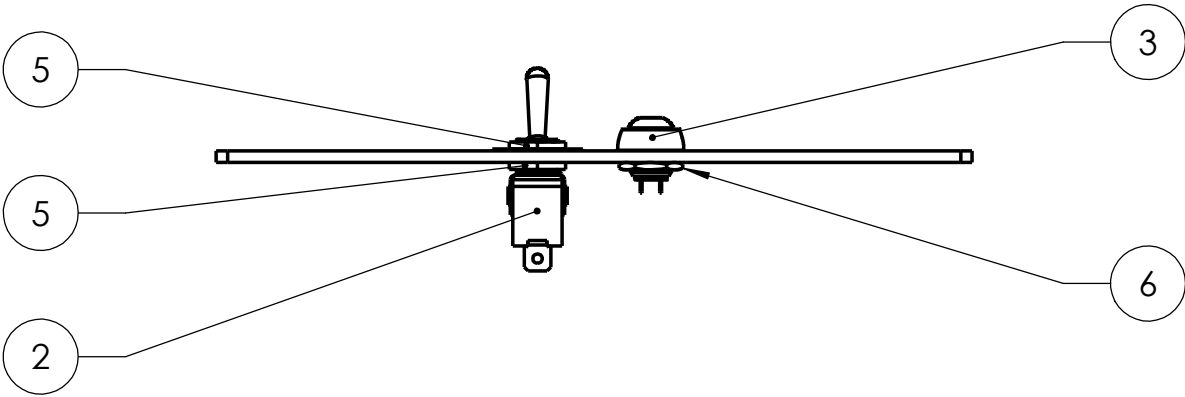
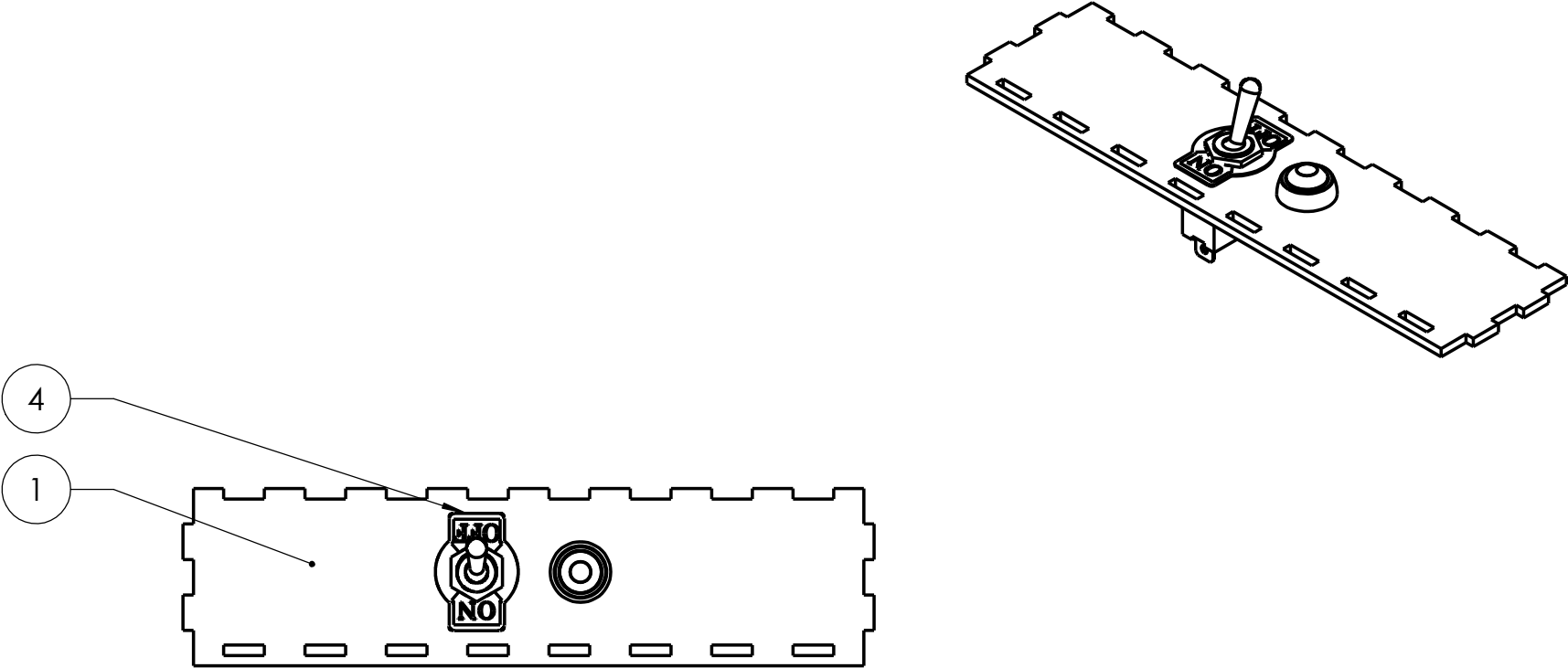
ITEM NO.	DESCRIPTION	QTY.
1	3mm ply (base)	1
2	3mm ply (side)	2
3	3mm ply (front)	1
4	3mm ply (top)	1
5	3mm ply (rear assembly)	1
6	17HE15-1504S	2
7	Wheel Coupling	2
8	Wheel	2
9	Ball Caster Spacer	2
10	Ball Caster	2
11	Arduino MEGA 2560 R3	1
12	A4988 CNC Shield	1
13	12V LiPo Battery XT60	1
14	316 Stainless Steel Button Head Hex Drive Screws	8
15	316 Stainless Steel Button Head Hex Drive Screws	4
16	18-8 Stainless Steel Hex Nut	4
17	Terminal Strip European 6 mm - 12 way	1

DIMENSIONS IN MILLIMETRES

DO NOT SCALE

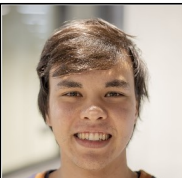
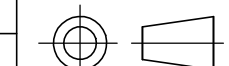
 Charkrit Atherton 13209958 UTS		Name	Sign'd	Date	DRAFTING STANDARD AS1100 THIRD ANGLE PROJECTION 	MDFS1 - Monday 3pm Group 2		
	DRWN							
	CHKD							
	APVD				Tolerances: Linear: Angular:	Team Fire Hog Chassis		
	MFG							
	QA							
					Mat:	A3	Rev:	Dwg Number:
				Finish:				
				Mass:	Scale 1:3			

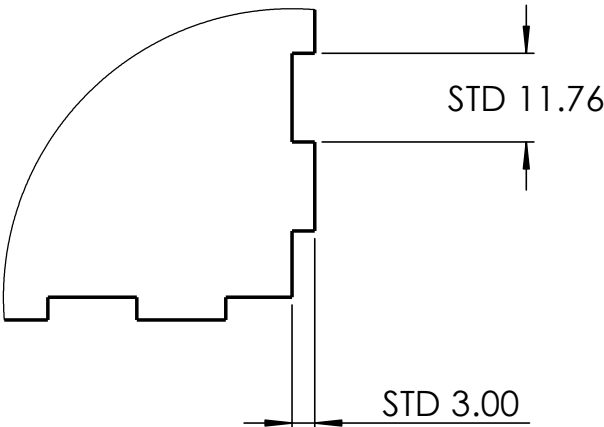
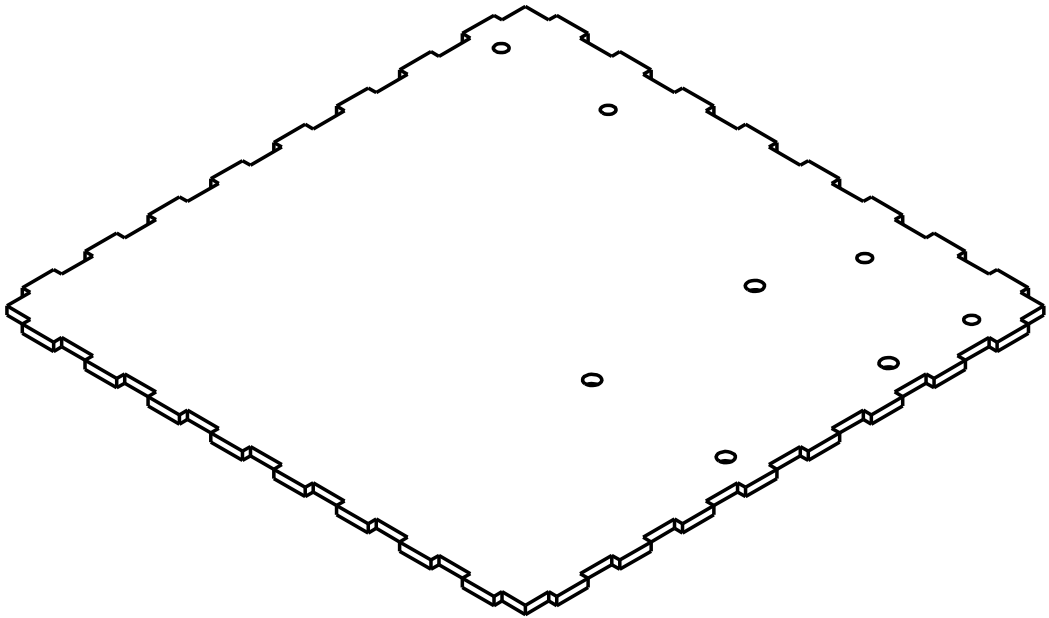
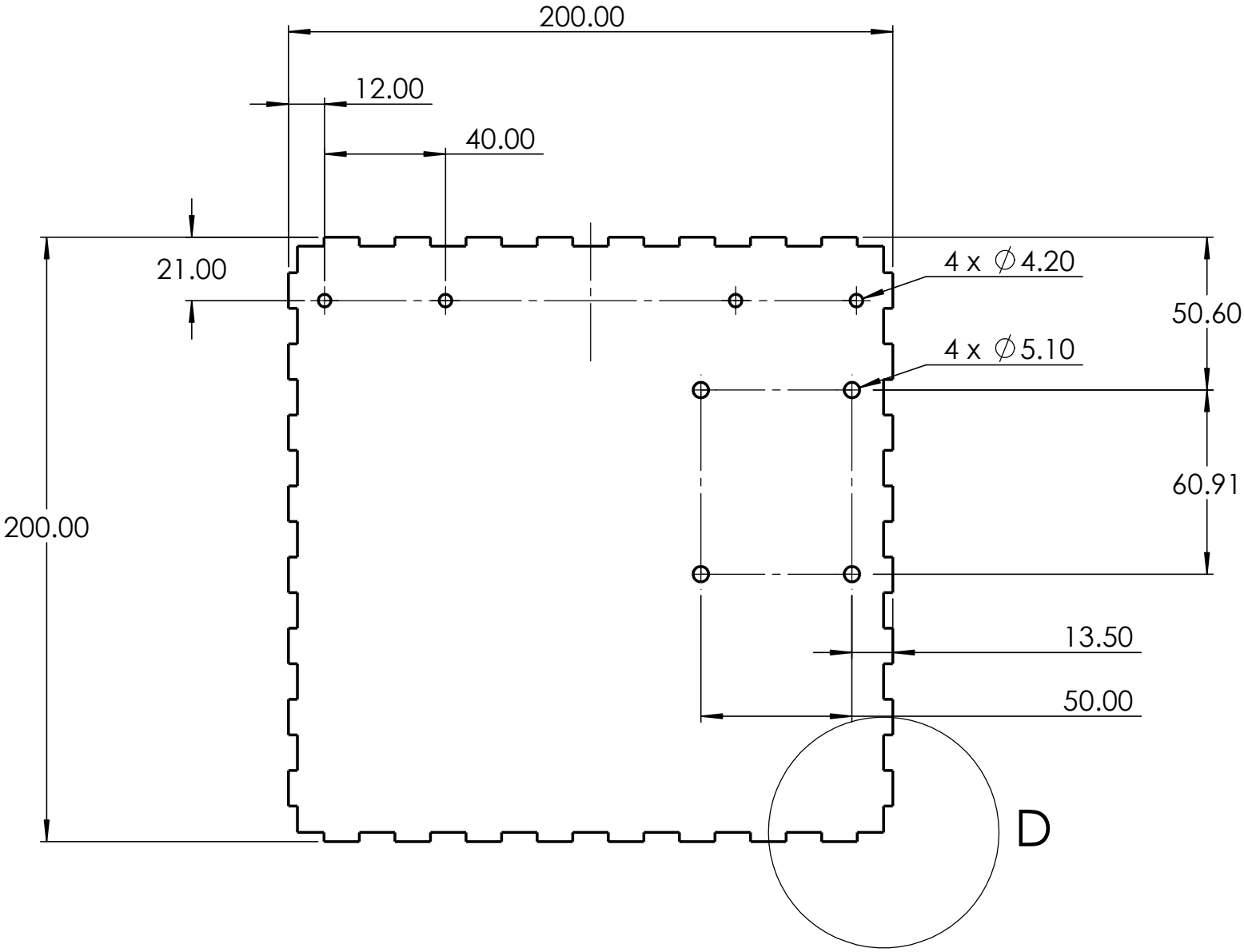
ITEM NO.	DESCRIPTION	QTY.
1	3mm ply (back)	1
2	Switch Box	1
3	12mm Panel Mount Button Red	1
4	Switch Label Plate	1
5	Switch Locking Nut	2
6	M12 Flat Nut	1



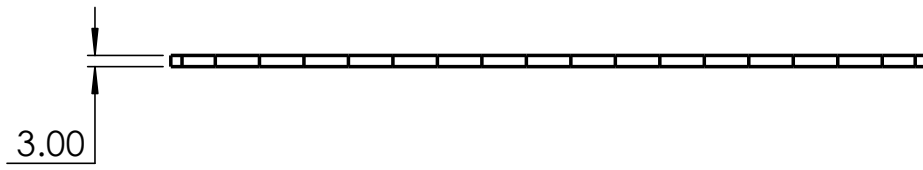
DIMENSIONS IN MILLIMETRES

DO NOT SCALE

 Charkrit Atherton 13209958 UTS		Name	Sign'd	Date	 DRAFTING STANDARD AS1100 THIRD ANGLE PROJECTION	MDFS1 - Monday 3pm Group 2		
	DRWN					Tolerances: Linear: Angular:	Title: Rear Plate Assembly	
	CHKD							
	APVD							
	MFG							
	QA							
					Mat:	A3	Rev:	Dwg Number:
				Finish:				
				Mass:	Scale 1:2			



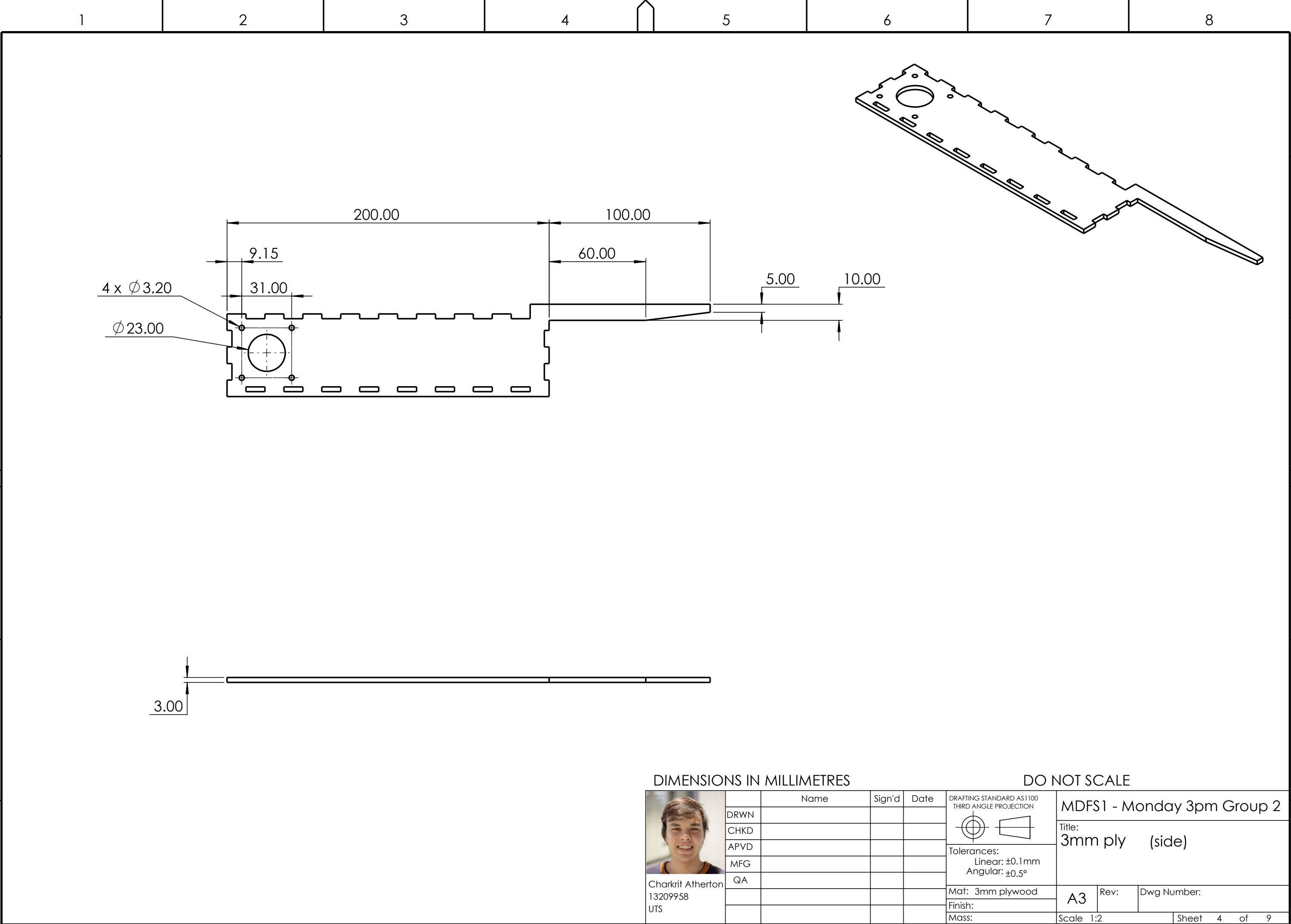
DETAIL D
SCALE 1 : 1



DIMENSIONS IN MILLIMETRES

DO NOT SCALE

 Charkrit Atherton 13209958 UTS		Name	Sign'd	Date		MDFS1 - Monday 3pm Group 2 Title: 3mm ply (base)		
	DRWN							
	CHKD				Tolerances: Linear: ±0.1mm Angular: ±0.5°			
	APVD							
	MFG							
	QA				Mat: 3mm plywood	A3	Rev:	Dwg Number:
					Finish:			
				Mass:	Scale 1:2		Sheet 3 of 9	



DIMENSIONS IN MILLIMETRES

DO NOT SCALE

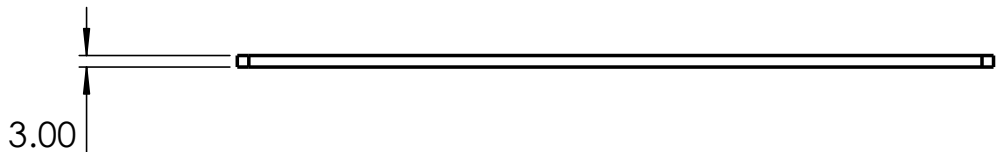
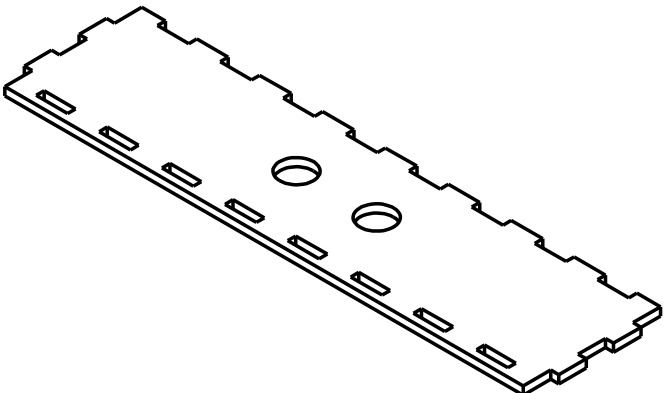
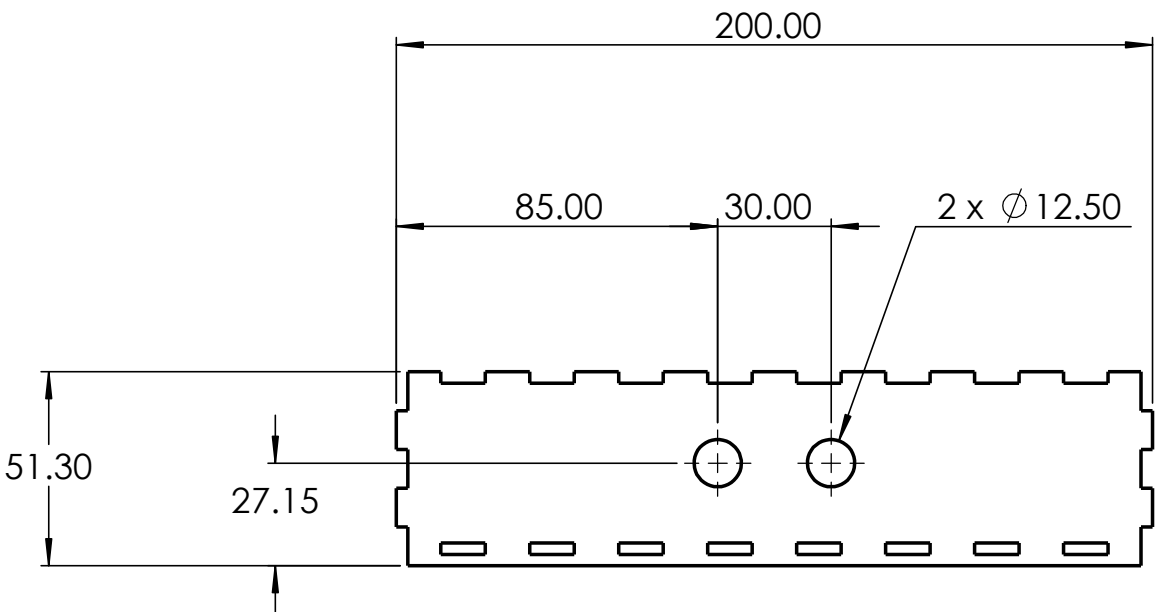


Charkrit Atherton
13209958
UTS

	Name	Sign'd	Date
DRWN			
CHKD			
APVD			
MFG			
QA			

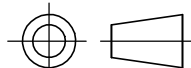
DRAFTING STANDARD AS1100 THIRD ANGLE PROJECTION	
Tolerances: Linear: ±0.1mm Angular: ±0.5°	
Mat: 3mm plywood	
Finish:	
Mass:	

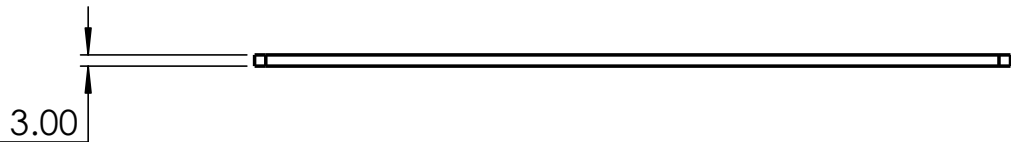
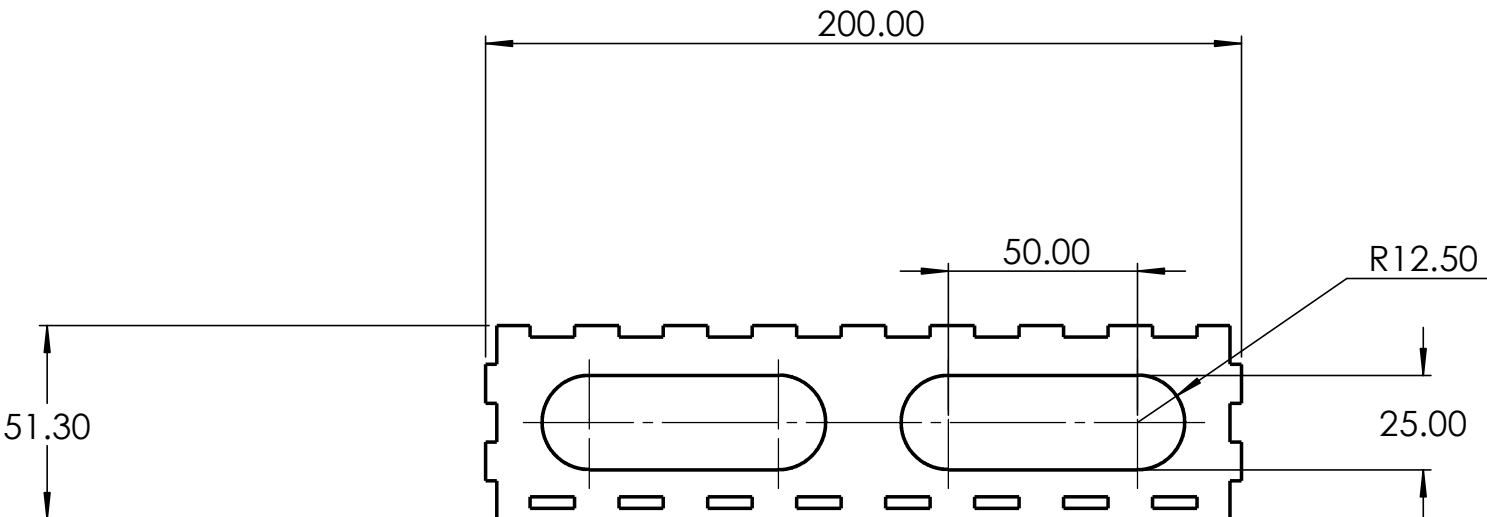
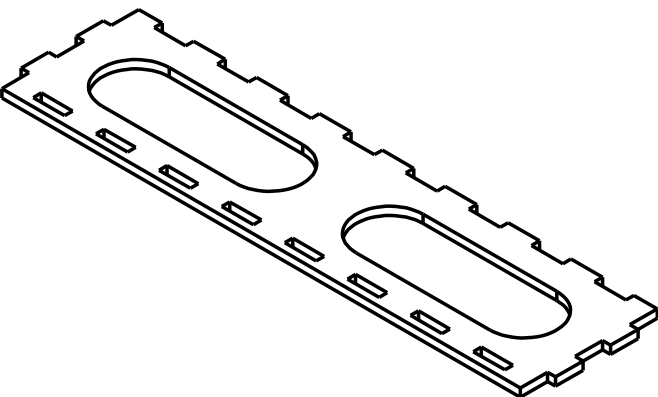
MDFS1 - Monday 3pm Group 2		
Title: 3mm ply (side)		
A3	Rev:	Dwg Number:
Scale 1:2		Sheet 4 of 9



DIMENSIONS IN MILLIMETRES

DO NOT SCALE

 Charkrit Atherton 13209958 UTS		Name	Sign'd	Date	DRAFTING STANDARD AS1100 THIRD ANGLE PROJECTION 	MDFS1 - Monday 3pm Group 2			
	DRWN				Tolerances: Linear: ±0.1mm Angular: ±0.5°	Title: 3mm ply (back)			
	CHKD								
	APVD								
	MFG								
	QA				Mat: 3mm plywood	A3	Rev:	Dwg Number:	
					Finish:				
				Mass:	Scale 1:2		Sheet 5 of 9		



DIMENSIONS IN MILLIMETRES

DO NOT SCALE



Charkrit Atherton
13209958
UTS

	Name	Sign'd	Date
DRWN			
CHKD			
APVD			
MFG			
QA			

DRAFTING STANDARD AS1100
THIRD ANGLE PROJECTION

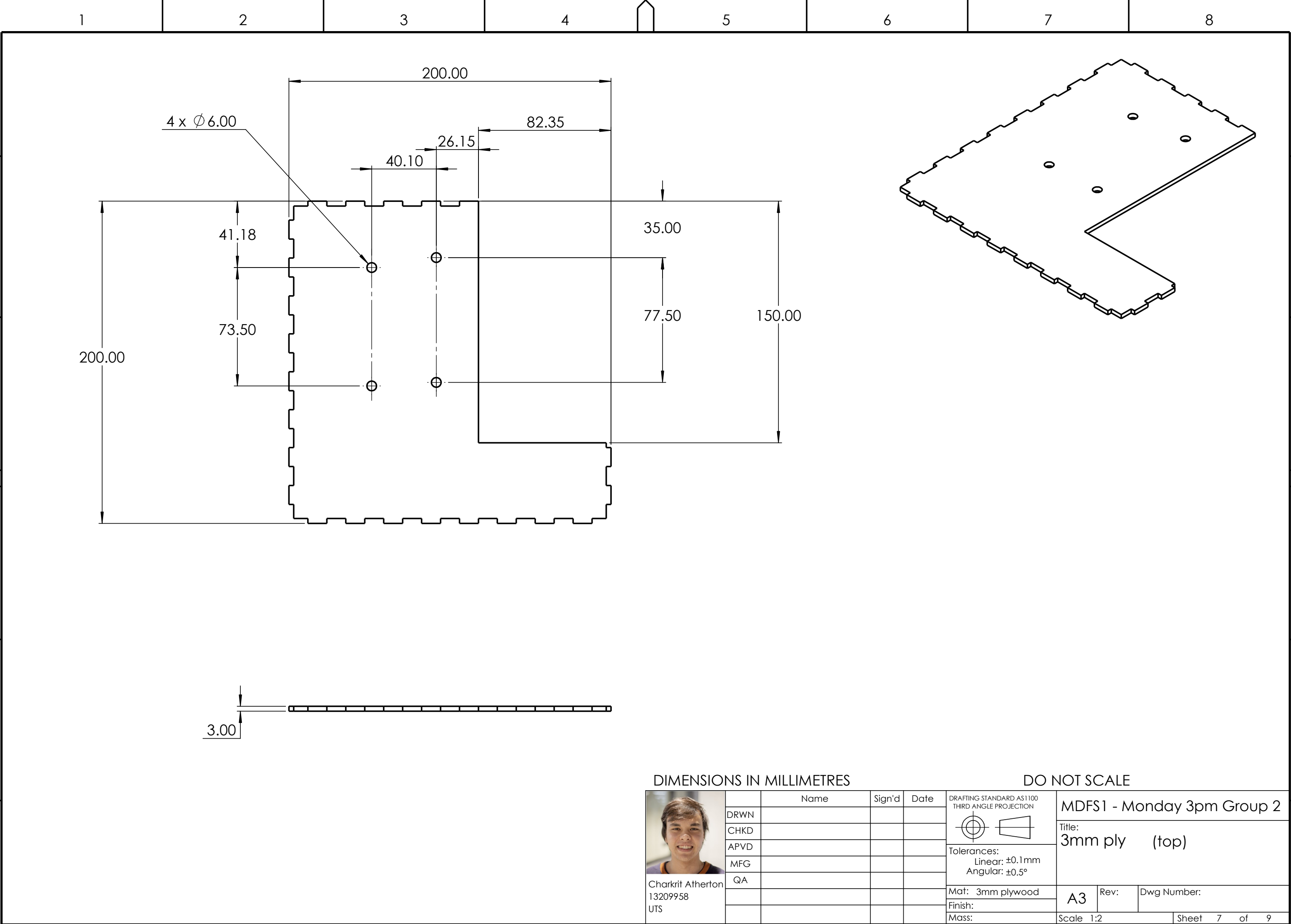
Tolerances:
Linear: ±0.1mm
Angular: ±0.5°

Mat: 3mm plywood

Finish:

Mass:

MDFS1 - Monday 3pm Group 2		
Title: 3mm ply (front)		
A3	Rev:	Dwg Number:
Scale 1:2		Sheet 6 of 9



DIMENSIONS IN MILLIMETRES

DO NOT SCALE

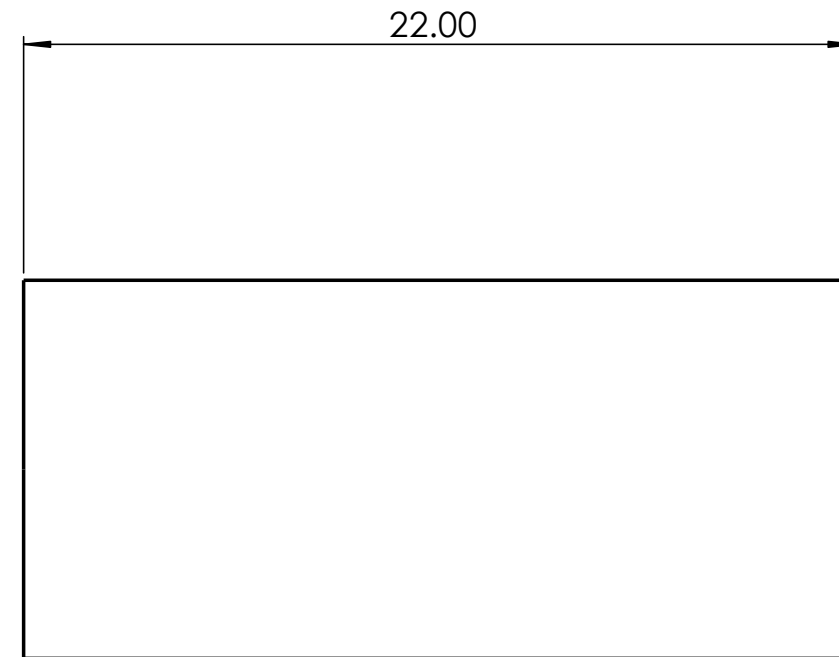
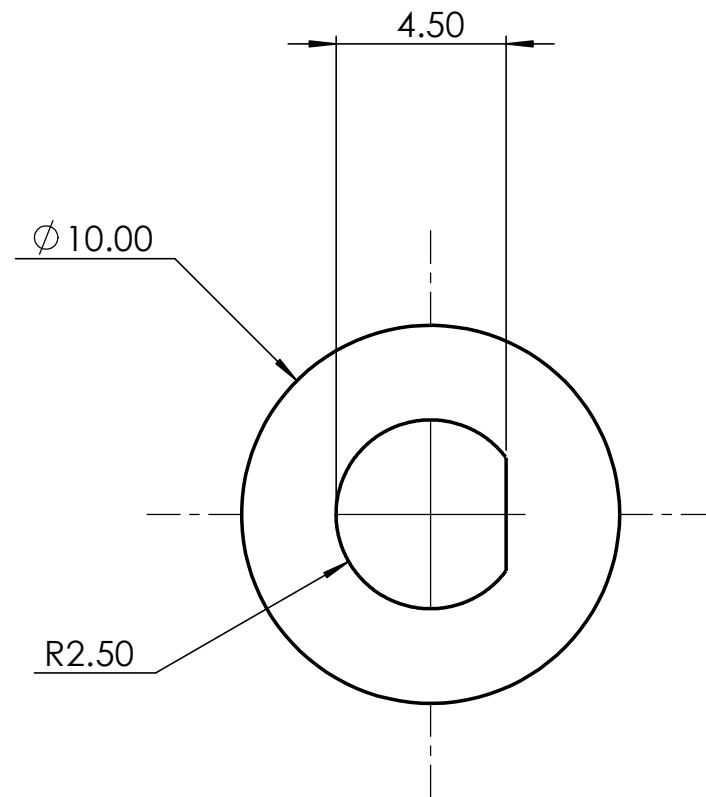
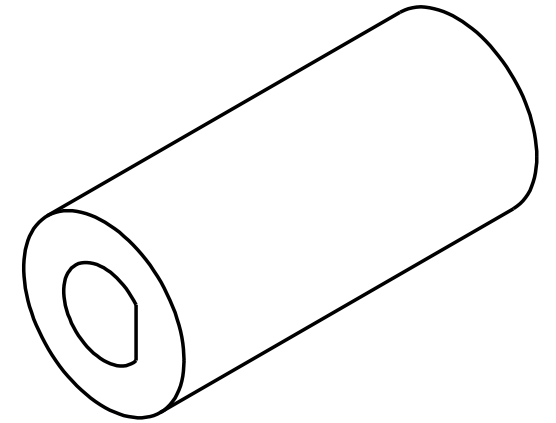


Charkrit Atherton
13209958
UTS

	Name	Sign'd	Date
DRWN			
CHKD			
APVD			
MFG			
QA			

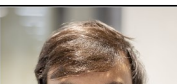
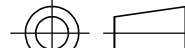
DRAFTING STANDARD AS1100 THIRD ANGLE PROJECTION	
Tolerances: Linear: $\pm 0.1\text{mm}$ Angular: $\pm 0.5^\circ$	
Mat: 3mm plywood	
Finish:	
Mass:	

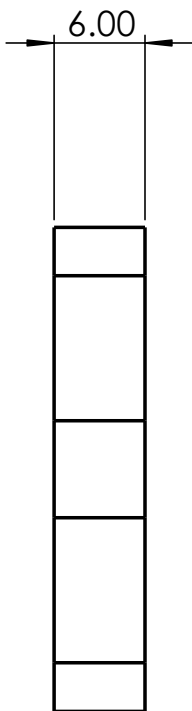
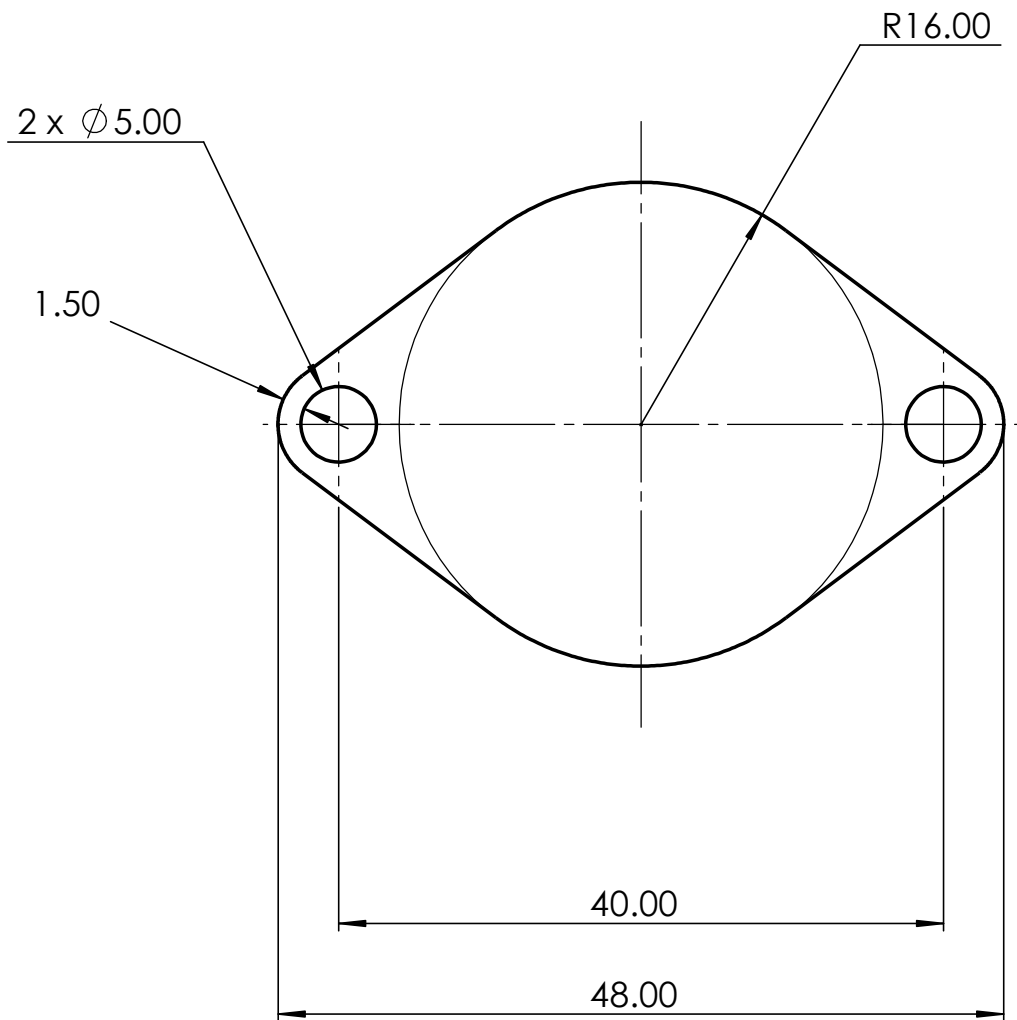
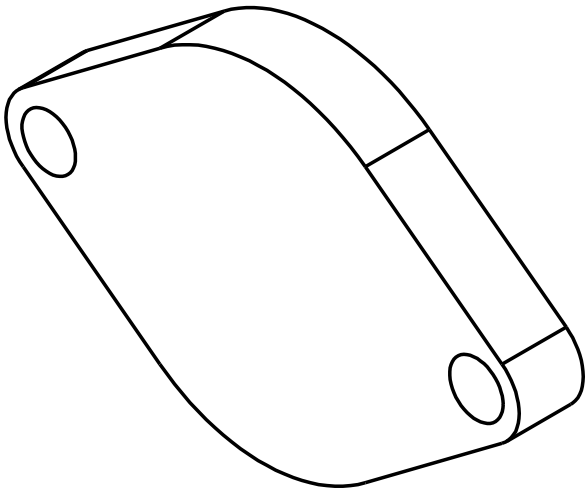
MDFS1 - Monday 3pm Group 2		
Title: 3mm ply (top)		
A3	Rev:	Dwg Number:
Scale 1:2		Sheet 7 of 9



DIMENSIONS IN MILLIMETRES

DO NOT SCALE

 Charkrit Atherton 13209958 UTS		Name	Sign'd	Date	DRAFTING STANDARD AS1100 THIRD ANGLE PROJECTION 	MDFS1 - Monday 3pm Group 2		
	DRWN					Tolerances: Linear: $\pm 0.1\text{mm}$ Angular: $\pm 0.5^\circ$	Title: Wheel Coupling	
	CHKD							
	APVD							
	MFG				Mat: 3D print PLA	A3	Rev:	Dwg Number:
	QA							
					Mass:	Scale 5:1	Sheet 8 of 9	



DIMENSIONS IN MILLIMETRES

DO NOT SCALE



Charkrit Atherton
13209958
UTS

	Name	Sign'd	Date
DRWN			
CHKD			
APVD			
MFG			
QA			

DRAFTING STANDARD AS1100
THIRD ANGLE PROJECTION

Tolerances:
Linear: ±0.1mm
Angular: ±0.5°

Mat: 3D print PLA

Finish:

Mass:

MDFS1 - Monday 3pm Group 2

Title:
Ball Caster Spacer

A3

Rev:

Dwg Number:

Scale 2:1

Sheet 9 of 9